



Sheet 1 of 2

Form PTO-1449 Modified		Docket No.	Serial No.
List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		ISIS-3310	09/970,971
		Applicant Muthiah Manoharan, et al.	
		Filing Date October 4, 2001	Group 1623
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
Ho	245	Griffey, R.H., et al., "2'-O-aminopropyl ribonucleotides: A zwitterionic modification that enhances the exonuclease resistance and biological activity of antisense oligonucleotides," <i>J. Med. Chem.</i> , 1996, 39, 5100-5109	
Ho	246	EPO Communication - Supplementary European Search Report dated July 24, 2002 (EP 00928716.0)	
EXAMINER <i>Amal Das</i>		DATE CONSIDERED <i>1-20-04</i>	

RECEIVED

SEP 09 2002

TECH CENTER 1600/2900



Sheet 2 of 2

Form PTO-1449 ModifiedList of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)U.S. Department of Commerce
Patent and Trademark OfficeDocket No.
ISIS-3310Serial No.
09/970,971Applicant
Muthiah Manoharan, et al.Filing Date
October 4, 2001Group
1623

TECH CENTER 1600/2900

SEP 09 2002

RECEIVED

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
X/O	247	WO 98/29124	07/09/98	PCT		
EXAMINER <i>Richard Ellis</i>				DATE CONSIDERED 1/20/04		



Sheet 1 of 2

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. ISIS-4789	Application No. 09/970,971
		Applicant Muthiah Manoharan, et al.	
		Filing Date October 4, 2001	Group 1623
		Confirmation No. 3195	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
Ho	248	Copy of the European Partial Search Report dated October 27, 2003 (EP 03 07 6286)	
Ho	249	Czuchajowski, L., et al., "Porphyrinyl-uridines as the first water soluble porphyrinyl-nucleosides," <i>Tetrahedron Letters</i> , December 16, 1991, 32, XP 000247164, pages 7511 and 7512	
Ho	250	Goodchild, J., "Conjugates of oligonucleotides and modified oligonucleotides: a review of their synthesis and properties," <i>Bioconjugate Chemistry</i> , May/June 1990, 1(3), 165-187	
Ho	251	Manoharan, M., et al., "Novel functionalization of the sugar moiety of nucleic acids for multiple labeling in the minor groove," <i>Tetrahedron Letters</i> , 1991, 32(49), 717-7174	
Ho	252	Tung, C.-H., et al., "Preparation of oligonucleotide-peptide conjugates," <i>Bioconjugate Chemistry</i> , November/December 1991, 2(6), XP 000235497, 464-465	
EXAMINER		DATE CONSIDERED	
[Signature]		1/20/04	



Sheet 2 of 2

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. ISIS-4789	Application No. 09/970,971
	Applicant Muthiah Manoharan, et al.	
	Filing Date October 4, 2001	Group 1623
	Confirmation No. 3195	

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
H0	253	WO 91/10671	07/25/91	PCT		
H0	254	WO 91/14696	10/03/91	PCT		

EXAMINER	<i>Harold Jones</i>	DATE CONSIDERED	<i>1/29/04</i>
----------	---------------------	-----------------	----------------